



IFW

Atty. Dkt. No. 085449-0202

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Regine Garcia BOY et al.  
Title: INHIBITORS OF DNA  
METHYLATION IN TUMOR  
CELLS  
Appl. No.: 10/591,867  
Filing Date: September 6, 2006  
Examiner: Unassigned  
Art Unit: Unassigned  
Confirmation Number: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

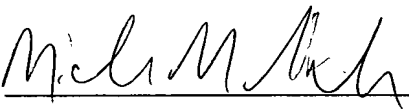
Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International Application No. PCT/EP2005/002437. A copy of the International Search Report was submitted in the Information Disclosure Statement filed along with the above patent application on September 6, 2006.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date: November 7, 2006

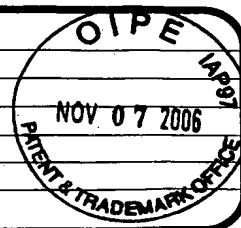
By  \_\_\_\_\_

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5538  
Facsimile: (202) 672-5399

Michele M. Simkin  
Attorney for Applicant  
Registration No. 34,717

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: November 7, 2006 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b> Application Number: 10/591,867 Filing Date: September 6, 2006 First Named Inventor: Regine GARCIA BOY Group Art Unit: Unassigned Examiner Name: Unassigned Attorney Docket Number: 085449-0202	
Sheet	1	of	3		



### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

\*GB 2 325 931 is the English language equivalent to DE 198 23 484

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Finley, et al., "The Effects on Mouse Sarcoma 180 of various Phthalimides and Derivatives of $\beta$ -Mercaptoethylamine and $\beta$ -Mercaptoethanol," <i>Alabama J. Med. Sci.</i> , 1(3), pgs. 252-5, 1964.	
		Caswell, et al., "Dipole Moments of Some 3- and 4-Substituted Phthalimides and Phthalic Anhydrides, Influence of Steric and Resonance Effects," <i>J. Org. Chem.</i> , Vol. 39, No. 11, pgs. 1527-1531, 1974.	
		Ohki et al., "Indoles. I. Syntheses of 1-Acetyltryptophan and Its Derivatives, and Their Friedel-Crafts Reaction," <i>Chem. &amp; Pharm. Bull.</i> , Vol. 19, pgs. 545-551, 1971.	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: November 7, 2006  (use as many sheets as necessary)		Application Number	10/591,867
		Filing Date	September 6, 2006
		First Named Inventor	Regine GARCIA BOY
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	085449-0202
Sheet	2	of	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Casimir et al., "Methyl 2-(Succinimidooxy) Carbonyl) benzoate (MSB): A New, Efficient Reagent for N-Phthaloylation of Amino Acid and Peptide Derivatives," <i>J. Org. Chem.</i> 2002, pgs. 3764-3768.	
		Calmes et al., "Asymmetric Synthesis of (S)- $\beta^2$ -Homoarylglycines," <i>Eur. J. Org. Chem.</i> 2000, pgs. 2459-2466.	
		Calmes et al., "New Synthesis of Enantiomerically Pure (S)-3-amino-2-phenyl Propanoic Acid Via the Asymmetric Transformation of its Racemic N-phthaloyl Derivative," <i>Tetrahedron: Asymmetry</i> 9, 1998, pgs. 2845-2850.	
		Kawashima et al., "An Intensely Sweet Analogue of Kynurenine: 3-(4-Chloroanthraniloyl)-DL-Alanine," <i>J. Agric. Food Chem.</i> , 1980, pgs. 1338-40.	
		Schoenenberger et al., "Untersuchungen zum wirkungsmechanismus von Lokalanasthetica," 1976, pgs. 811-813.	
		Database CA CHEMICAL ABSTRACT SERVICE.	
		Kolasa et al., "Synthesis of the Chromophore of Pseudobactin, a Fluorescent Siderophore from Pseudomonas," <i>J. Org. Chem.</i> , 1990, Vol. 55, pgs. 4246-4255.	
		White., "Thiamin Biosynthesis in Yeast. Origin of the Five-Carbon Unit of the Thiazole Moiety," <i>J. Am. Chem. Soc.</i> , 1982, Vol. 104, pgs. 4934-4943.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: November 7, 2006 (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	10/591,867 September 6, 2006 Regine GARCIA BOY Unassigned Unassigned 085449-0202
Sheet	3	of	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Balenovic et al., "Reaction of N-Disubstituted Glycyl Chlorides with Diazomethane. A New Synthesis of Some $\beta$ -Alanine Derivatives. Amino Acids. V <sup>1</sup> ," 1951, pgs. 1308-1310.	
		Balenovic et al., "(+)-B-Aminobutyric Acid; the Correlation of its Configuration with that of Alpha-Amino-Acids.," J. Chem. Soc., 1956, pgs. 3982-3984.	
		Jumnah et al., "Synthesis of N-Protected Amino Esters via Palladium Catalysed Allylic Substitution," Vol. 34, No. 41, 1993, pgs. 6619-6622.	
		Hammerschmidt et al., "Determination of Absolute Configuration of $\alpha$ -Hydroxyphosphonates by <sup>31</sup> P NMR Spectroscopy of Corresponding Mosher Esters," Tetrahedron, Vol. 50, No. 34, pp. 10253-10264, 1994.	
		Cossio et al., "Triphenylphosphine Dibromide and Dimethylsulfide Dibromide as Versatile Reagents for Beta-Lactam Synthesis," 1985, pgs. 3041-3044.	
		Jutterman, et al., "Toxicity of 5-aza-2'-deoxycytidine to Mammalian Cells is Mediated Primarily by Covalent Trapping of DNA Methyltransferase Rather than DNA Demethylation," Dec. 1994, pgs. 11797-11801.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.